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SECTION A - SUPPLEMENTAL INFORMATION

1. The purpose of modification P00001 is to modify the Statement of Work and Performance-Based Payment Schedule. As a result, the contract is modified as follows:
- a. Section C is hereby deleted in its entirety and revised Section C attached herein is incorporated in lieu thereof.
 - b. Attachment 0001, "Portal Dynamics Performance-Based Payment Schedule" is hereby deleted in its entirety and the revised Attachment 0001 is incorporated in lieu thereof.
2. All other terms and conditions of the contract are unchanged as a result of this modification.

*** END OF NARRATIVE A0001 ***

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SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

PM-LAV: INTEGRATED DATA COLLOBRATIVE ENVIRONMENT (IDCE) AND INTEGRATED DATA ENVIRONMENT (IDE) PROGRAM

- C.1.1 BACKGROUND: The purpose of this Scope of Work (SOW) is to enhance the existing capabilities of the PM-Light Armored Vehicles IDCE and IDE. The current PM LAV IDE is a web based portal that leverages COTS/GOTS/Microsoft-based technology. The objective is to expand weapon system life-cycle support capabilities beyond the current IDE infrastructure without sacrificing work performed to date. At the same time, this effort will leverage current PM-LAV IDE capabilities and develop and deliver new functionalities that can be applied as a template for implementation across all of Marine Corps Systems Command (MCSC) for effective weapon life-cycle management.
- C.1.1.1 IDCE has been put forward by the Department of Defense as a mandate for all weapon programs, designed to help reduce procurement cycle time and total ownership costs by digitizing and managing all life cycle data about each weapon program. The IDCE model has been very effective in private industry applications, especially with regards to sustainment support systems. Specific applications of the IDCE for manufacturing and product sustainment industries are now showing a cost avoidance of 19-22% and a reduction of cycle time, or mean time to repair, of over 30% in a majority of cases. OSD and Marine Corps University studies suggest that IDEs within an IDCE collaborative environment are the only way PM-LAV weapons managers and maintainers will achieve these double digit savings over presently planned life cycle costs.
- C.1.1.2 The period of performance ends February 26, 2008.
- C.1.1.3 START OF WORK MEETING: The contractor shall develop and implement a management plan to control and direct the execution of this program. The contractors focus will be on a continuation of management and support for the IDCE, building on previous efforts and development. Initial review of this plan by all affected parties shall be within 15 working days of award of this order and will take place at a mutually agreed upon location. The contractor will review and update the project plan quarterly and submit to the government for review.
- C.1.2 TASKINGS: The contractor shall perform the following tasks: enhance PM-LAV IDE functionality; integrate a Program Manager (PM) application into the PM-LAV portal; upgrade the Asset Tracker and integrate it into the PM-LAV Portal; enhance the search capability in the Document Management System and provide system support.
- C.1.2.1 IDE PORTAL ENHANCEMENTS AND MIGRATION FROM TACOM TO JDSR
1. The Contractor shall conduct an analysis of MOSS upgrade requirements and present findings to PMLAV in a PMLAV IDE Portal Migration Plan Report. The report will address the DMS deployment options, licensing considerations, and environment optimization. In addition, the contractor shall perform an analysis of the functionality available in a mixed operating environment (MOSS 2007 with an Office 2000/2003 client base) and include it in the report. JDSR is providing one MOSS 2007 server license for the IDCE. PM-LAV will purchase a Share point Client License if needed. Portal Dynamics will maintain a MOSS 2007 development environment.
 2. The contractor shall migrate the PM-LAV Portal from TACOM to LAV IDCE servers located within the US Navy office for Joint Distance Support & Response (JDSR) in Crane, IN. The contractor shall migrate the following applications: Workflows (Leave, Travel, and Procurement), Configuration Management System, Asset Tracker and Interactive Electronic Technical Manuals. This effort shall include document and data migration for the DMS and applications, as well as performance optimization.
 3. The contractor shall upgrade the PM-LAV Portal from Microsoft 2003 to MOSS 2007 and provide hands-on integration services during the upgrade at JDSR.
 4. The contractor shall comply with System Security Authorization Agreement (SSSA) requirements of JDSR, specifically IAVAs, Cryptographic Log on (CLO), DoD Security Requirements (including DoD Security Technical Implementation Guides, Computer Tasking Orders), JDSR Business Rules (Account Management, User registration operations, etc.).
 5. The contractor shall provide updated operations manuals for System Administration and End-users.
 6. The contractor shall provide Administrator and End-user Training on the IDCE Portal.
 7. The contractor shall provide Sense and Respond Logistics Website maintenance and support growth, such as links and a content driver. The contractor shall begin enhancements on the Sense and Respond Logistics Public Web-site (USMC-SRL.com). The enhancements will include new and refreshed content.
 8. The contractor shall implement IDCE enhancement based on the recommendations of the Marine Corps Research University (MCRU) Phase II Report dated 30 May 2003. The IDCE deployment will build towards the MCRU Report objectives as the Portal Migration and implementation of MOSS 2007 provide the capabilities.
 9. The Government will provide access to the JDSR test environment and MOSS 2007 licenses.
- C.1.2.1.1 Deliverables:

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PMLAV IDE Portal Migration Plan Report	60 DAC
MOSS 2007 Requirements Analysis Report Final	90 DAC
Production Migration to PMLAV MOSS 2007 IDCE at JDSR	186 DAC Sense and Respond Web Site Enhancements On-line 186 DAC

C.1.2.3 PROGRAM MANAGER APPLICATION V1.0:

1. The Contractor shall collaborate in the integration of the WisdomNet COTS software into the IDCE and provide IT environmental expertise.

2. The contractor shall collaborate with Wisdom.Net and participate in PM-LAV progress meetings in order to ensure compliance of application development approach with the PM-LAV IDCE environment and to prepare for future integration of the application.

3. The Contractor will support User Acceptance Testing.

4. The contractor shall fully integrate the final WisdomNet application into the LAV IDCE environment.

C.1.2.3.1 Deliverables:

PM-LAV / WisdomNet Integration Documentation 186 DAC

C.1.2.4 ASSET TRACKER APPLICATION V.2. PM LAV has the requirement for the data conversion and redevelopment of its current Access-based AT System. The contractor will implement a new system that is web-enabled, accessible via the LAV-IDCE Portal, to all authorized users. The Contractor shall integrate the web-enabled AT application in the IDCE portal.

C.1.2.4.1 AT Application Deliverables:

Asset Tracker Application Requirements Analysis Report to be delivered 151 DAC
 Asset Tracker Application Detailed Systems Design Report to be delivered 151 DAC
 Asset Tracker Application Test Plan to be delivered 151 DAC
 Asset Tracker Application End-User Manual to be delivered 311 DAC
 Asset Tracker Application Systems Administrator Manual to be delivered 311 DAC
 Asset Tracker Application Training for Administrators and Users 332 DAC
 Asset Tracker Application to be completed 332 DAC

C.1.2.5 DOCUMENT MANAGEMENT SYSTEM (DMS) INDEX AND SEARCH CAPABILITY: The contractor shall refine the DMS search capability to streamline document access and retrieval. The Contractor shall develop validated requirements and procedures and a proof-of-concept pilot expandable to an end state. This will entail extracting existing PDF files from the PM-LAV SharePoint server and performing full text Optical Character Recognition (OCR) transformation that will enable documents to be searchable, and publishing these files back into SharePoint. The contractor shall create a methodology for performing this type of transformation, and automating the transformation. The estimated number of files for which the Contractor will provide OCR transformation is approximately 6,500.

C.1.2.5.1 At present a total of approximately 10,000 documents reside in 12 different team sites, each with their own DMS and permissions. The contractor shall reorganize the current structure so that all documents and accompanying metadata are located in one central DMS, searchable and browsable by all portal members of PM-LAV.

C.1.2.5.2 Deliverables:

DMS Index Requirements Analysis Report to be delivered 90 DAC
 DMS Index Alternative Analysis and Course of Actions Report v.2.0 due 120 DAC
 DMS Index Detailed System Design Report v.2.0 to be delivered 151 DAC
 OCR Transformation Documentation Completion Report to be delivered 270 DAC
 DMS Index Revision (User Acceptance Testing) to be completed by 311 DAC
 DMS Index Revision (Final Acceptance) to be completed by 332 DAC

C.1.2.6 ON-CALL MAINTENANCE & SUPPORT:

The contractor shall provide on-call Maintenance & Support (M&S) for the applications and systems developed and/or deployed by PM LAV that are currently in-place and being hosted in the PM LAV IDE located at TACOM in Warren, MI. At a minimum this will include: SharePoint Portal, SQL Server, and programming updates of existing the Portal system as well as development of necessary software. The contractor shall provide on-call access to an individual qualified in SharePoint, SQL Server, and extensive programming and software development experience. The estimated level of effort for this task is not to exceed 640 man-hours during the period of contract performance.

C.1.2.7 DoD MAINTENANCE SYMPOSIUM: PM LAV requires technical integration support services in order to demonstrate the HQMC Installation & Logistics (I & L) Sense & Respond Logistics concept at the 2007 SAE DOD Maintenance Symposium in Orlando, FL on 10 16November. The work is focused in two parts;

- 1)Physical creation, transportation, setup, on site support and subsequent teardown and removal of symposium booth
- 2)Development of PM LAV S&R DoD Maintenance Symposium Presentation

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The contractor shall perform the following in order to ensure full integration and demonstration of technology, capabilities and processes which encompass the Sense & Respond project scenario:

Part 1: Physical Creation, transportation, setup, on site support and subsequent teardown and removal of symposium booth.

- a) Create storyboard posters, signage, brochure, and other visual displays as required to support the presentation and kiosks utilizing a common look and feel theme. Technical content to be provided by appropriate booth partners.
- b) Provide DoD Symposium booth design/acquisition, assembly, and clean-up. Coordinate all aspects for deploying a fully functional booth space that provides all necessary and required assets to support presentations.
- c) Supply PC Monitors, and/or presentation display(s) to support main presentation and kiosk requirements.
- d) Supply microphone and speaker system to support Live Presentation.
- e) Supply power requirements for all booth requirements (main presentation back-wall, kiosks).
- f) Supply and configure Main Live Presentation for booth multimedia back-wall and any projection screens, devices or other audio-visual requirements.
- g) Supply and configure participant Kiosk stations (for up to 6 Kiosks).
- h) Provide On-site DoD Symposium Support
- i) Provide technical/logistical support for presentation and audio-visual requirements.
- j) Provide technical/logistical support for physical booth requirements
- k) Provide Network and Bandwidth Requirements (including technical/logistical support) for Booth (both general booth and individual kiosk requirements).
- l) Provide network connectivity hardware requirements (wiring, hub/switch, router, etc\85) for booth.

Part 2: Development of PM LAV S&R DoD Maintenance Symposium Presentation

- a) Create and provide animation sequences (Flash and PowerPoint) to support the LAV Live Presentation Scenario.
- b) Create a complete, narrated animation, of the LAV Scenario on the USMC Sense and respond website.
- c) Map technology and integration points to the scenario.
- d) Map presentation sequence choreography to the live presentation.
- e) Insure that presentation is available and accessible on S&R website post completion of Symposium

C.1.3 SECURITY: Contractor employees will adhere to the provisions set forth in AR 380-5 Army Information Security Program, AR 25-1 Army Knowledge Management Program, AR 25-2 Information Assurance, AR 380-67 (Personnel Security Program).

C.1.3.1 All personnel that access Government-owned or operated automated computer systems, networks, or databases shall have a security investigation. The minimum requirements to access unclassified Government automated systems are: a National Agency Check (NAC), or a National Agency Check with written Inquiries (NACI).

*** END OF NARRATIVE C0001 ***